

**Department of Historic Resources
Reconnaissance Level Survey**

Accomack

DHR Id#: 001-0027-0106

Resource Identification

Property Name(s): WFF # X-015 Delrum. Storage & Assembly Shop #2 {Current}
Property Date: 1950
Address(s): Island Road {Current}
County/Independent City: Accomack
Vicinity of: Chincoteague
State, Zip: Virginia 23337
USGS Quad Name: WALLOPS ISLAND
Surrounding area: Rural

National Register Eligibility Status

Property is Historic (50 years or older)

Property has not been evaluated

Resource Description

Ownership Status: Public - Federal
Acreage: 0.5

Primary Resource Exterior Component Description:

<u>Component</u>	<u>Comp Type/Form</u>	<u>Material</u>	<u>Material Treatment</u>
Chimneys	Chimneys - None		
Foundation	Foundation - Slab	Concrete	Foundation - Poured
Porch	Porch - None		
Structural System	Structural System - Not Visible	Metal	Structural System - Corrugated
Windows	Windows - Fixed/awning	Metal	Windows - Original Replaced

Site Description: Located on the west side of Island Road on Wallops Island, the Delrum. Stor. & Assembly Shop #2 is located in a level area, with a concrete apron on the east side and north side and lawn to the south and west. It is located across Island Road from X-005 Service Station (001-0027-0105) toward the south end of the X building complex.

WUZIT Count:

<u>No.</u>	<u>Wuzit Types</u>	<u>Historic?</u>
1	Research Facility	Historic

NR Resource Count:

Individual Resource Information

WUZIT: Research Facility

Est. Date of Construction: 1950 {Owner/written data} Accessed? Yes
Primary Resource? Yes Number of Stories: 1.0
Architectural Style: Other Condition: Good
Interior Plan Type: Other Threats to Resource: None Known

Description: The concrete and steel frame building has a poured concrete slab foundation and a shallow pitch gable roof. The concrete section of the walls extends roughly four feet above grade. The steel frame section, located above, is clad with modern, corrugated steel panels, which also covers the roof. The south elevation contains three two-story-tall aluminum roll top doors symmetrically arranged about the center. A small window opening containing a fixed metal sash above a metal awning sash window flanks the three doors to the east; the awning sash is covered with a storm screen window; all of the windows are modern replacement. Similar windows are found along the west elevation on both the first and second stories. On the east, the windows are grouped in pairs, with one exception and are found only on the first floor level. A single steel door with a large rectangular center pane is located on the east elevation, near the southeast corner. Two similar doors are found on the north elevation, symmetrically arranged about the center. A two-story-tall aluminum roll top door is located in the northeast corner on that elevation. Louvered aluminum vents are found on the east and west elevations. A capped aluminum exhaust vent pierces the roof on the west side. A metal vent housing, attached to machinery on the interior of the building, projects from the west elevation. The vent is supported by a small metal platform. A tall plastic exhaust pipe extends from the top of the vent housing above the roof.

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Cemetery Information

Bridge Information

National Register Eligibility Information

Historic Context(s): Technology/Engineering

Historic Time Period(s):..... S- The New Dominion (1941- Present)

Significance Statement: This one-story structure was built in 1950 by the National Advisory Committee on Aeronautics (NACA) and was part of the first phase of NACA construction on Wallops Island. Originally, the structure was used to store photographic equipment and dry storage for charts, recorders, radiosondes and similar equipment. Located on the west side of Island Road near the geographic center of Wallops Island, the building is now part of the Wallops Flight Facility (WFF), and is used as a payload processing facility, one of several on WFF. The building has a concrete apron on its east side which is used as a parking and temporary storage area. To the north is the Damage Control and Service Shops (001-0027-0108, WFF # X-035) and the Service Station (001-0027-0105, WFF # X-035) is located to the east, across Island Road. A level grass-covered area is located to the west.

The building is representative of a secondary structure associated with a technology/engineering property type built at the beginning of the New Dominion Period (1945-present) period. The building was constructed as a component of a rocket research facility operated by the Pilotless Aircraft Research Station (PARS) under the direction of NACA from 1946 to 1958. Until becoming part of the National Aeronautics and Space Administration (NASA) in 1958, PARS functioned as a rocket research facility that continually refined its capacity to collect aeronautic and scientific data through improvements in radar tracking, radio telemetry and photographic techniques that provided significant data for the development of Cold War missile technology and manned spaceflight during the Space Race.

The Delrum. Storage and Assembly Shop #2 has been evaluated both as a contributing resource in a historic district and as an individual resource. Issues of significance, integrity and district boundaries were carefully considered. A proposed district comprising this resource lacks integrity of design, setting, materials, workmanship, feeling and association due to the demolition of many of the buildings from the period of significance (1936 to 1959), the removal of much of the historic fabric from the majority of extant buildings, and the construction of later buildings. Thus a historic district here is not eligible under Criterion A, B, C or D.

The resource is not eligible for listing in the National Register or the Virginia Landmarks Register under Criterion A, B, C, or D. As a secondary structure the resource does not by itself sufficiently embody a quality of significance associated with events in order to be eligible under Criterion A, nor does it sufficiently embody a quality of significance associated with a person in order to be eligible under Criterion B. While the resource retains its location, setting and association, alterations to the structure have adversely impacted its integrity of design, materials, workmanship and feeling, including the use of a modern cladding material on the exterior and roof and the replacement of original windows and doors. Also, as a secondary structure of common design and materials, the resource is not eligible under Criterion C as it does not embody the distinctive characteristics of a type, period, or method of construction, or represent the work of a master, or possess high artistic values, or represent a significant or distinguishable entity whose components may lack individual distinction. This property does not have the potential for providing additional information in history or prehistory.

Bibliographic Documentation

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Reference #: 1

Bibliographic RecordType: Book

Author: Joseph Adams Shortal

Citation Abbreviation:

Notes: Shortal, Joseph Adams. "A New Dimension—Wallops Island Flight Test Range: The First Fifteen Years." National Aeronautics and Space Administration Scientific and Technical Information Office: 1978.

Ownership Information

Graphic Media Documentation

<i>Medium</i>	<i>Depository ID #</i>	<i>Photo Depository</i>	<i>Date</i>	<i>File Name</i>
35mm B&W	21542	DHR	2004/07/99	Frames 9-12

Cultural Resource Management (CRM) Events

CRM Event # 1,

Cultural Resource Management Event: Reconnaissance Survey

Date: 2004/07/99

Organization or Person: URS Group

VDHR Project ID # Associated with Event: .. 2003-0571

CRM Event Notes or Comments: 200 Orchard Ridge Drive, Suite 101
Gaithersburg, MD 20878

CRM Event # 2,

Cultural Resource Management Event: Reconnaissance Survey

Date: 2003/08/08

Organization or Person: URS Group

VDHR Project ID # Associated with Event: .. 2003-0571

CRM Event Notes or Comments: 7101 Wisconsin Avenue, Suite 700
Bethesda, MD 20814